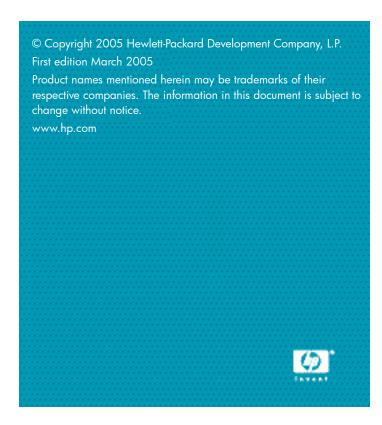# HP StorageWorks Business Copy EVA/MA/EMA 2.3.1 OpenVMS Host Agent release notes

This document describes the contents and installation of an update to the HP StorageWorks Business Copy EVA 2.3 OpenVMS Host Agent. Installing this update removes issues that have been discovered since the host agent was released.

T3680-98207

1   File contents

This update supersedes earlier updates and contains the following new and previous files:

File Name	Time Stamp
ACTIVE_NODE_CHECK.EXE	21-OCT-2004
FIND_ALL_INTERFACE.COM	21-OCT-2004
INS_ACTIVE_NODE_CHECK.EXE	21-OCT-2004
DGA_WWID.EXE	17-NOV-2004
CLUSTERNAME.EXE	19-NOV-2004
SWITCHBOARD.EXE	25-FEB-2005
OSVM.EXE	22-FEB-2005

2   Issues resolved

Installing this update removes the following issues:

- Host agent unable to identify impersonator node for interface names other than IE0.
- Host agent unable to identify impersonator for uppercase cluster names.
- Host agent fails if more than 64K of data is transferred over socket between the host agent and management server.
- Data transfer fails if more than 32K is transferred over mail box (between Switchboard and OVSM).
- Occasional invalid data in PERSISTEDUNITLIST.INI.
- Shadow sets that contain non-DKA devices cause the host agent to fail.

3   Prerequisites

This update requires prior installation of the HP StorageWorks Business Copy EVA 2.3 OpenVMS host agent. Earlier updates (ECO kits 1 and 2) are not required but may be installed.

If you need to install the HP Business Copy EVA 2.3 OpenVMS host agent, see the installation guide and other documentation on the product web site:
http://h18000.www1.hp.com/products/storage/software/bizcopyeva/index.html

Select **Technical documentation** and then select the HP StorageWorks Business Copy EVA v2.3 product.

4   Download the update

Download the update from the product software and drivers web site as follows.

1. Go to the HP StorageWorks Business Copy EVA web site:
   http://h18000.www1.hp.com/products/storage/software/bizcopyeva/index.html
2. Click **software & drivers**.
3. Click **HP StorageWorks Business Copy v2.3**.
4. Click **download drivers & software**.
5. Click **HP Business Copy EVA v2.3 Media/Doc Kit**
6. Click **OpenVMS 7**.
7. Click the download button for HP StorageWorks Business Copy EVA/MA/EMA 2.3.1 - Host Agent
8. Save the update to the host computer.

   The update file HP-AXPVMS-BC_ECO-V0103--4.ZIP is downloaded to the selected location.

5   Install the update

1. Stop any HP Business Copy jobs that are running and postpone jobs that are scheduled to run during the installation. It is *not* necessary to stop the host agent.
2. On the host, open a terminal window and log on as a system user.
3. If desired, create a temporary folder, and copy the downloaded file, HP-AXPVMS-BC_ECO-V0103--4.ZIP, to the folder.
4. Extract the file contents.
5. Enter product install bc to start the update script.
6. Follow the instructions on screen to complete the update. (Press **Return** to accept the default value.)
7. Verify the update by inspecting bc$path:[000000] for the files and time stamps shown in section 1.
8. Restart the host agent to activate the update.

6   Configure BYTLM and MSCP

To ensure successful queries and volume mounting by HP Business Copy on OpenVMS hosts, configure BYTLM and MSCP as follows:

1. Set BYTLM equal to or greater than

   (Total disks * 1500) + 5000

   Where *total disks* equals the local disk plus the number of disks in the array.
2. If you are using MSCP, MSCP_LOAD is set to 1.
   a. Also set MSCP_SERVE_ALL to 1
   b. Set MPDEV_REMOTE to 0.
3. Reboot the host and verify that the host agent restarts.